

RECEIVED



JAN 8 0 2004

**AMENDMENT AFTER FINAL
EXPEDITED PROCEDURE
ART UNIT 1647**

TECH CENTER 1600/2900

**PATENT
ATTORNEY DOCKET NO.: JHU1650-2**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rothstein et al. Art Unit: 1647
Application No.: 09/695,795 Examiner: Sandra L. Wegert
Filed: October 23, 2000
Title: GLUTAMATE TRANSPORTER ASSOCIATED PROTEINS AND
METHODS OF USE THEREOF

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER FINAL UNDER 37 C.F.R. § 1.116

Sir:

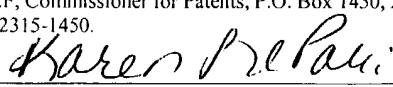
Responsive to the Final Office Action mailed November 26, 2003 (Paper No. 12),
reconsideration of the application in view of the following remarks is respectfully requested.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2
of this paper.

Remarks begin on page 4 of this paper.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are
being deposited with the United States Postal Service as first class
mail on January 26, 2004, in an envelope addressed to: Mail Stop
AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22315-1450.


Karen LePari

Karen LePari



Corres. and Mail
**BOX AF
RECEIVED**

JAN 30 2004

TECH CENTER 1600/2900

AF
1647
AMENDMENT AFTER FINAL
EXPEDITED PROCEDURE
ART UNIT 1647

PATENT

ATTORNEY DOCKET NO.: JHU1650-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rothstein et al.
Application No.: 09/695,795
Filed: October 23, 2000
Title: GLUTAMATE TRANSPORTER ASSOCIATED PROTEINS AND
METHODS OF USE THEREOF

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Final Office Action mailed November 26, 2003 (6 pages); and
2. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 26, 2004, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450.

Karen LePari
Karen LePari

In re Application of:
Rothstein et al.
Application No.: 09/695,795
Filed: October 23, 2000
Page 2

PATENT
Attorney Docket No.: JHU1650-2

The Fee for this Response is calculated as follows:

| For | Claims Remaining After Amendment | Highest Number Previously Paid For | Extra Claims | Small Entity Rate | Large Entity Rate | Calculations |
|--------------------|----------------------------------|------------------------------------|--------------|-------------------|-------------------|--------------|
| Total Claims | 8 | 88 | 0 | x \$09 | x \$18 | \$ 0.00 |
| Independent Claims | 1 | 22 | 0 | x \$42 | x \$84 | \$ 0.00 |
| Multiple Claims | - | - | | \$140 | \$280 | \$.00 |
| Basic Filing Fee | | | | \$370 | \$740 | \$.00 |
| | | | | | TOTAL FEE | \$ 0.00 |

No fee is deemed necessary with the filing of this paper. However, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: January 26, 2004



Lisa A. Haile, J.D., Ph.D.
Registration No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
USPTO Customer Number 28213



RECEIVED
COPY
JAN 3 2004

TECH CENTER 1000/2900

AMENDMENT AFTER FINAL
EXPEDITED PROCEDURE
ART UNIT 1647

PATENT
ATTORNEY DOCKET NO.: JHU1650-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rothstein et al.
Application No.: 09/695,795
Filed: October 23, 2000
Title: GLUTAMATE TRANSPORTER ASSOCIATED PROTEINS AND
METHODS OF USE THEREOF

Art Unit: 1647
Examiner: Sandra L. Wegert

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Final Office Action mailed November 26, 2003 (6 pages); and
2. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 26, 2004, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450

Karen LePari
Karen LePari

In re Application of:
Rothstein et al.
Application No.: 09/695,795
Filed: October 23, 2000
Page 2

PATENT
Attorney Docket No.: JHU1650-2

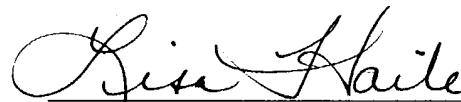
The Fee for this Response is calculated as follows:

| For | Claims Remaining After Amendment | Highest Number Previously Paid For | Extra Claims | Small Entity Rate | Large Entity Rate | Calculations |
|--------------------|----------------------------------|------------------------------------|--------------|-------------------|-------------------|--------------|
| Total Claims | 8 | 88 | 0 | x \$09 | x \$18 | \$ 0.00 |
| Independent Claims | 1 | 22 | 0 | x \$42 | x \$84 | \$ 0.00 |
| Multiple Claims | - | - | | \$140 | \$280 | \$.00 |
| Basic Filing Fee | | | | \$370 | \$740 | \$.00 |
| | | | | | TOTAL FEE | \$ 0.00 |

No fee is deemed necessary with the filing of this paper. However, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: January 26, 2004



Lisa A. Haile, J.D., Ph.D.
Registration No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
USPTO Customer Number 28213